

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

EPA Region 5 Records Ctr.



383484

**Date:** Wednesday, December 22, 2010  
**From:** Brian Kelly, On-Scene Coordinators

<b>To:</b> Jason El-Zein, U.S. EPA Beverly Kush, U.S. EPA Carol Ropski, U.S. EPA Jeff Kelley, U.S. EPA Bill Messenger, U.S. EPA Cheryl McIntyre, U.S. EPA Jane Mackey, Congressman Conyers Lawrence AuBuchon, MDNRE Eric Anderson, Wayne County Carolyn Parker, MDNRE Joe Walczak, MDNRE - EMC Bruce VanOtteren, MDNRE - EMC Jim Bakun, MDNRE Bob Burns, Detroit River Riverkeeper Kathleen LaPointe, City of Gibraltar Patricia Krause, U.S. EPA Laura Verona, DNRE Patrick Hamblin, U.S. EPA	Linda M. Nachowicz, U.S. EPA David Chung, U.S. EPA - HQ Mick Hans, U.S. EPA Bob Paulson, U.S. EPA Steve Kaiser, U.S. EPA ORC John Maritote, U.S. EPA Michael Chezik, U.S. DOI Tracy Kecskemeti, MDNRE Robert Ratz, Wayne County Jack Ghannam, Wayne County Milton Scales, MDNRE - EMC Pat Thornton, MDNRE Duty Officer, NRC Scott Ross, City of Gibraltar Michael Browning, START Alex Clark, Weston Solutions Dan Yordanich, MDEQ
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**Subject:** Site Investigation  
Former McLouth Steel Gibraltar-Complex Site  
15701 Vreeland Road, Gibraltar, MI  
Latitude: 42.1120159  
Longitude: -83.2105050

<b>POLREP No.:</b> 4	<b>Site #:</b> B5QW
<b>Reporting Period:</b>	<b>D.O. #:</b> 0039
<b>Start Date:</b> 3/2/2010	<b>Response Authority:</b> CERCLA
<b>Mob Date:</b> 3/2/2010	<b>Response Type:</b> Time-Critical
<b>Demob Date:</b>	<b>NPL Status:</b> Non NPL
<b>Completion Date:</b>	<b>Incident Category:</b> Removal Action
<b>CERCLIS ID #:</b> MIN000510362	<b>Contract #</b> EP-S5-08-02
<b>RCRIS ID #:</b>	

**Site Description**

The Former McLouth Steel Gibraltar-Complex site is located in Gibraltar, Wayne County,

Michigan; - 42 degrees°, 6 minutes", 300 seconds' latitude and 83°, 12", 0' longitude.

The site consists of three landfills - two on the east side of the site: landfills 1A and 1B; and one on the west side of the site Countywide. The site is bisected by a creek, the Frank and Poet Drain that empties into the Detroit River located 3 tenths of a mile from the site. The Humbug Marsh, part of the U.S. Fish and Wildlife's Detroit River International Wildlife Refuge, is directly adjacent.

Leachate from landfills 1A and 1B use a treatment system operated by the responsible party (RP). Leachate from Countywide is currently being trucked off site for disposal by EPA. Prior to EPA's involvement, Countywide leachate was trucked off site by Michigan Department of Natural Resources and Environment (MDNRE).

At the request of DNRE, EPA proposed designing and constructing a leachate treatment system and transfer line for the landfills. After evaluating the cost to construct and operate a system that would meet NPDES requirements, it was determined by EPA and DNRE the current off site hauling was a less expensive alternative.

During the summer of 2010, EPA constructed a collection system with perpendicular side collectors, filled the eastern and western leachate ponds with stone and covered them with clay, installed a loading pipe with level indicator, leveled and graded the cap, and seeded the exposed areas of Countywide. Three aerators were added to the 1A and 1B treatment system.

Based on the need for a final remedy to cap the landfills, close the treatment ponds, find an alternative leachate disposal method, and conduct long-term remedial action to minimize and dispose of leachate, EPA is also collecting environmental data to assist with National Priorities List (NPL) consideration.

### **Current Activities**

On September 30, 2010, EPA met with MDNRE and Wayne County to discuss data collection needs and approaches for NPL consideration. Subsequently, EPA developed a work plan and QAPP to conduct groundwater monitoring well re-development; groundwater sampling; sediment and surface water sampling in the Frank & Poet Drain; surface soil sampling; and sediment and surface water sampling in the treatment ponds.

EPA completed this work during the weeks of November 29 and December 13. Due to winter weather conditions, the wastewater treatment ponds were frozen and could not be sampled.

To date, U.S. EPA has disposed of 5,658,237 gallons of landfill leachate at Advanced Resource Recovery in Inkster, Michigan.

### **Planned Removal Actions**

EPA will continue to haul leachate until March 1, 2011, when MDNRE resumes control of the site. A meeting is schedule for January 7, 2010, to discuss EPA and MDNRE transition.

### **Next Steps**

The site is beyond the scope of the Removal program and should be considered for the NPL. EPA Removal will provide MDNRE and EPA Remedial with a report detailing sample results and potential threats.

### Key Issues

While the responsible party continues to operate the treatment system for landfills 1A and 1B, EPA has been unable to reach agreement with the RP or any other entity to continue this operation in the long-term.

Countywide was recently posted for foreclosure by Wayne County.

### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$1,973,802.00	\$1,630,000.00	\$343,802.00	17.42%
TAT/START	\$75,000.00	\$61,000.00	\$14,000.00	18.67%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$2,048,802.00</b>	<b>\$1,691,000.00</b>	<b>\$357,802.00</b>	<b>17.46%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

[www.epaosc.org/Formal\\_McLouth\\_Steel\\_Gibraltar-Complex](http://www.epaosc.org/Formal_McLouth_Steel_Gibraltar-Complex)